

Serial No. 10/605,411
Filed: September 29, 2003
Page 2 of 10

Examiner: Kevin. L. Lee
Group Art Unit: 3753

Amendments to the Claims

Please amend the claims as shown below in the complete listing of claims.

1. (Original) A fluid coupling to couple a fluid source line to a fluid supply line, the fluid coupling comprising:

a body defining a fluid flow path having an inlet and an outlet;

a valve located within the body to control the flow of fluid through the flow path and
5 operable between an open position, where fluid can flow through the body along the flow path, and a closed position, where fluid is prevented from flowing through the body along the flow path; and

a gladhand moveably mounted to the body operable between a stored position and a use position, the gladhand comprising a face having an outlet, an inlet fluidly connected to the outlet
10 of the body, and a flow path extending between the gladhand inlet and the gladhand outlet;

wherein fluid is permitted to flow through the body and out the gladhand when the valve is in the open position and the gladhand is in the use position by the fluid entering the body flow path through the body inlet, exiting the body flow path through the body outlet, entering the gladhand flow path through the gladhand inlet, and exiting the gladhand flow path through the
15 gladhand outlet.

2. (Original) The fluid coupling according to claim 1, wherein the body further comprises a swivel connection to moveably mount the gladhand to the body.

3. (Original) The fluid coupling according to claim 2, wherein the swivel connection is disposed between the valve and the gladhand.

4. (Original) The fluid coupling according to claim 2, wherein the valve is disposed between the swivel connection and the gladhand.

Serial No. 10/605,411
Filed: September 29, 2003
Page 3 of 10

Examiner: Kevin. L. Lee
Group Art Unit: 3753

5. (Original) The fluid coupling according to claim 1, wherein the body comprises an upper body portion and a lower body portion, wherein the lower body portion includes a nipple that is received within the upper body portion.

6. (Original) The fluid coupling according to claim 5, and further comprising at least one seal disposed between the nipple and the upper body portion.

7. (Original) The fluid coupling according to claim 6, wherein the body further comprises a swivel connection between the upper and lower body portions to moveably mount the gladhand to the body.

8. (Original) The fluid coupling according to claim 7, wherein the upper body portion comprises an arm to which the gladhand inlet is connected.

9. (Original) The fluid coupling according to claim 8, wherein the swivel connection comprises a biasing device to bias the arm such that the gladhand is in the stored position while permitting the rotating of the gladhand into the use position.

10. (Original) The fluid coupling according to claim 9, wherein the biasing device is a torsion spring having a first finger coupled to the upper body portion and a second finger coupled to the lower body portion.

11. (Original) The fluid coupling according to claim 5, wherein a bearing is positioned between the upper body portion and the lower body portion.

12. (Original) The fluid coupling according to claim 5 and further comprising a mounting bracket, wherein the mounting bracket fixedly mounts the lower body portion, rotatably mounts the upper body portion, and prevents linear movement between the lower and upper body portions.

13. (Original) The fluid coupling according to claim 12, wherein the mounting bracket comprises a support arm with a cover at its distal end, wherein the face of the gladhand

Serial No. 10/605,411
Filed: September 29, 2003
Page 4 of 10

Examiner: Kevin. L. Lee
Group Art Unit: 3753

rests against the cover when the gladhand is in the stored position such that the cover closes the gladhand outlet and prevents fluid from exiting and dust and debris from entering the gladhand fluid flow path.

14. (Original) The fluid coupling according to claim 1, wherein the valve comprises a rotatable valve member having a passageway located therethrough, wherein when the valve is in the open position, the passageway is substantially coaxial with the body flow path, and when the valve is in the closed position, the passageway is substantially transverse to the body flow path.

15. (Original) The fluid coupling according to claim 14, wherein the valve further comprises a handle to manually rotate the rotatable valve member from the open position to the closed position.

16. (Original) The fluid coupling according to claim 14, wherein the valve further comprises a bushing with a top surface adjacent the rotatable valve member, wherein the top surface forms a seal between the bushing and the rotatable valve member.

17. (Original) The fluid coupling according to claim 16, wherein the valve further comprises at least one biasing member to urge the bushing against the rotatable valve member.

18. (Original) The fluid coupling according to claim 17, wherein the rotatable valve member comprises a ball-shaped portion, and the bushing is urged against the ball-shaped portion of the rotatable valve member.

19. (Original) The fluid coupling according to claim 16, wherein the valve further comprises a seal between the bushing and the body.

20-36 (Cancelled)

37. (New) A fluid coupling to couple a fluid source line to a fluid supply line, the fluid coupling comprising:
a body defining a fluid flow path having an inlet and an outlet;

Serial No. 10/605,411
Filed: September 29, 2003
Page 5 of 10

Examiner: Kevin. L. Lee
Group Art Unit: 3753

a valve located within the body to control the flow of fluid through the flow path and
5 operable between an open position, where fluid can flow through the body along the flow path,
and a closed position, where fluid is prevented from flowing through the body along the flow
path, and the valve having an actuator carried by the body for effecting the operation of the valve
between the open and closed positions;

a gladhand operable between a stored position and a use position, the gladhand
10 comprising a face having an outlet, an inlet fluidly connected to the outlet of the body, and a flow
path extending between the gladhand inlet and the gladhand outlet;

a connector moveably coupling the gladhand to the body and effecting the relative
movement of the gladhand to the body;

wherein fluid is permitted to flow through the body and out the gladhand when the valve
15 is in the open position and the gladhand is in the use position by the fluid entering the body flow
path through the body inlet, exiting the body flow path through the body outlet, entering the
gladhand flow path through the gladhand inlet, and exiting the gladhand flow path through the
gladhand outlet.

38. (New) The fluid coupling according to claim 37, wherein the connector comprises
a swivel connection to permit the rotational movement of the gladhand relative to the body.

39. (New) The fluid coupling according to claim 38, wherein the swivel connection is
disposed between the valve and the gladhand.

40. (New) The fluid coupling according to claim 37, wherein the body comprises an
upper body portion and a lower body portion, wherein the lower body portion includes a nipple
that is received within the upper body portion.

41. (New) The fluid coupling according to claim 40, and further comprising at least
one seal disposed between the nipple and the upper body portion.

Serial No. 10/605,411
Filed: September 29, 2003
Page 6 of 10

Examiner: Kevin. L. Lee
Group Art Unit: 3753

42. (New) The fluid coupling according to claim 41, wherein the connector comprises a swivel connection to permit the rotational movement of the gladhand relative to the body.

43. (New) The fluid coupling according to claim 42, wherein the upper body portion comprises an arm to which the gladhand inlet is connected.

44. (New) The fluid coupling according to claim 43, wherein the swivel connection comprises a biasing device to bias the arm such that the gladhand is in the stored position while permitting the rotating of the gladhand into the use position.

45. (New) The fluid coupling according to claim 40, wherein a bearing is positioned between the upper body portion and the lower body portion.

46. (New) The fluid coupling according to claim 40 and further comprising a mounting bracket, wherein the mounting bracket fixedly mounts the lower body portion and rotatably mounts the upper body portion.

47. (New) The fluid coupling according to claim 46, wherein the mounting bracket comprises a support arm with a cover at its distal end, wherein the face of the gladhand rests against the cover when the gladhand is in the stored position such that the cover closes the gladhand outlet and prevents fluid from exiting and dust and debris from entering the gladhand
5 fluid flow path.

48. (New) The fluid coupling according to claim 37, wherein the valve comprises a rotatable valve member having a passageway located therethrough, wherein when the valve is in the open position, the passageway is substantially coaxial with the body flow path, and when the valve is in the closed position, the passageway is substantially transverse to the body flow path.

49. (New) The fluid coupling according to claim 48, wherein the actuator comprises a handle to manually rotate the rotatable valve member from the open position to the closed position.

Serial No. 10/605,411
Filed: September 29, 2003
Page 7 of 10

Examiner: Kevin. L. Lee
Group Art Unit: 3753

50. (New) The fluid coupling according to claim 49, wherein the valve further comprises a bushing with a top surface adjacent the rotatable valve member, wherein the top surface forms a seal between the bushing and the rotatable valve member.

51. (New) The fluid coupling according to claim 50, wherein the valve further comprises at least one biasing member to urge the bushing against the rotatable valve member.

52. (New) The fluid coupling according to claim 51, wherein the rotatable valve member comprises a ball-shaped portion, and the bushing is urged against the ball-shaped portion of the rotatable valve member.